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Batch A

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PREFACE

The CoreConferences 2019 held on 20th – 21st March, 2019, in collaboration with Association of Scientists, Developers and Faculties (ASDF), an International body, at Taipei, Taiwan.

CoreConferences 2019 provides a chance for Academic and Industry professionals to discuss the recent progress in the area of Multiple. The outcome of the conference will trigger for the further related research and future technological improvement. This conference highlights the novel concepts and improvements related to the research and technology.

The technical committee consists of experts in the various course subfields helped to scrutinize the technical papers in various fields, support to maintain the quality level of the proceedings of conference which consist of the information of various advancements in the field of research and development globally and would act as a primary resource of researchers to gain knowledge in their relevant fields.

The constant support and encouragement from Dr. S. Prithiv Rajan, ASDF Global President, Dr. Julie Rue Bishop, ASDF International President and Dr. K. Kokula Krishna Hari, ASDF International General Secretary helped a lot to conduct the conference and to publish the proceedings within a short span. I would like to express my deep appreciation and heartfelt thanks to the ASDF team members. Without them, the proceedings could not have been completed in a successful manner. I would like to express my sincere thanks to our management, student friends and colleagues for their involvement, interest, enthusiasm to bring this proceeding of the conference in a successful way.

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Exploring the Experiences of Gender-Based Violence and The Associated Psychosocial and Mental Health Issues of Filipino HIV-Positives: Implications for Psychological Practice

Evangeline R Castronuevo-Ruga[1], Normita A Atrillano[2]

Abstract: *The phenomenon of gender-based violence has generated attention from research practitioners and helping professionals since the surge of the women's movement three or so decades ago in the Philippines. At about the same time, the HIV-AIDS gained similar attention with the disclosure of the first ever case of the country in the mid-80s. Only recently, however, has the intersectionality of these two phenomena been looked into by the research community in other countries and has yet to see parallel response locally. This research, therefore, attempts to map out the lived experiences of People Living with Human Immuno Deficiency Virus (PLHIV) who have undergone gender-based violence (GBV). It specially looks into the consequent psychosocial and mental health issues. Using focus group discussion with 24 purposively sampled participants from the highly vulnerable groups based in three major Philippine cities, thematic analysis reveals that the participants experienced various forms of gender-based violence, e.g., sexual, emotional/psychological, economic, verbal, physical) and expressions of stigma and discrimination, which in turn, led to manifestations of different emotional and psychological trauma, depression, internalized homophobia, greater health risks and risk-taking behaviours, among others. It might be worthwhile to consider the possibility that the consequent risk-taking and self-injurious tendencies played a role in their eventual contraction of HIV.*

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Estimation of Storage-Draft Rate Characteristics of Rivers in Selangor Region

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Abstract: *Drought is a phenomenon of extreme water shortage that has significant economic, social, environmental and human life impact. Streamflow drought characteristics and properties are useful in the design of hydro-technical projects, water resources planning and management purposes. Information on low flow magnitude, frequency, probability and return period are very crucial in analysing streamflow drought at the operational level in public water supply. The objectives of this study are to determine the characteristics of low flow for every streamflow station in the Selangor region. The estimation of minimum storage draft-rate with the probability of low flow return periods of 2, 5, 10, 20, and 50 years is presented in this paper.*

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